

**Job Name: 25-3479 - Phase 24 Wastewater System Improvements**  
**Job Location: Columbia, KY**  
**Contractor: Cumberland Pipeline LLC**

PC: E. Bradley  
 TECH: J. Coppage - F  
 Plant: 100



Structure ID: **Majestic V.V.**

Spec: Sanitary  
 Type: Valve Vault 8inW, 8inF w/ConBlock-CDA Red  
 Size: 72" x 72"

Rim: 675.89'      Sump: 0"      Floor (Bot): 669.223'  
 Invert: 669.89'      Floor (Top): 669.89'      Overall Height: 6.667'  
 Rim to Invert: 6'      Floor Height: 8"      Slack: 0"

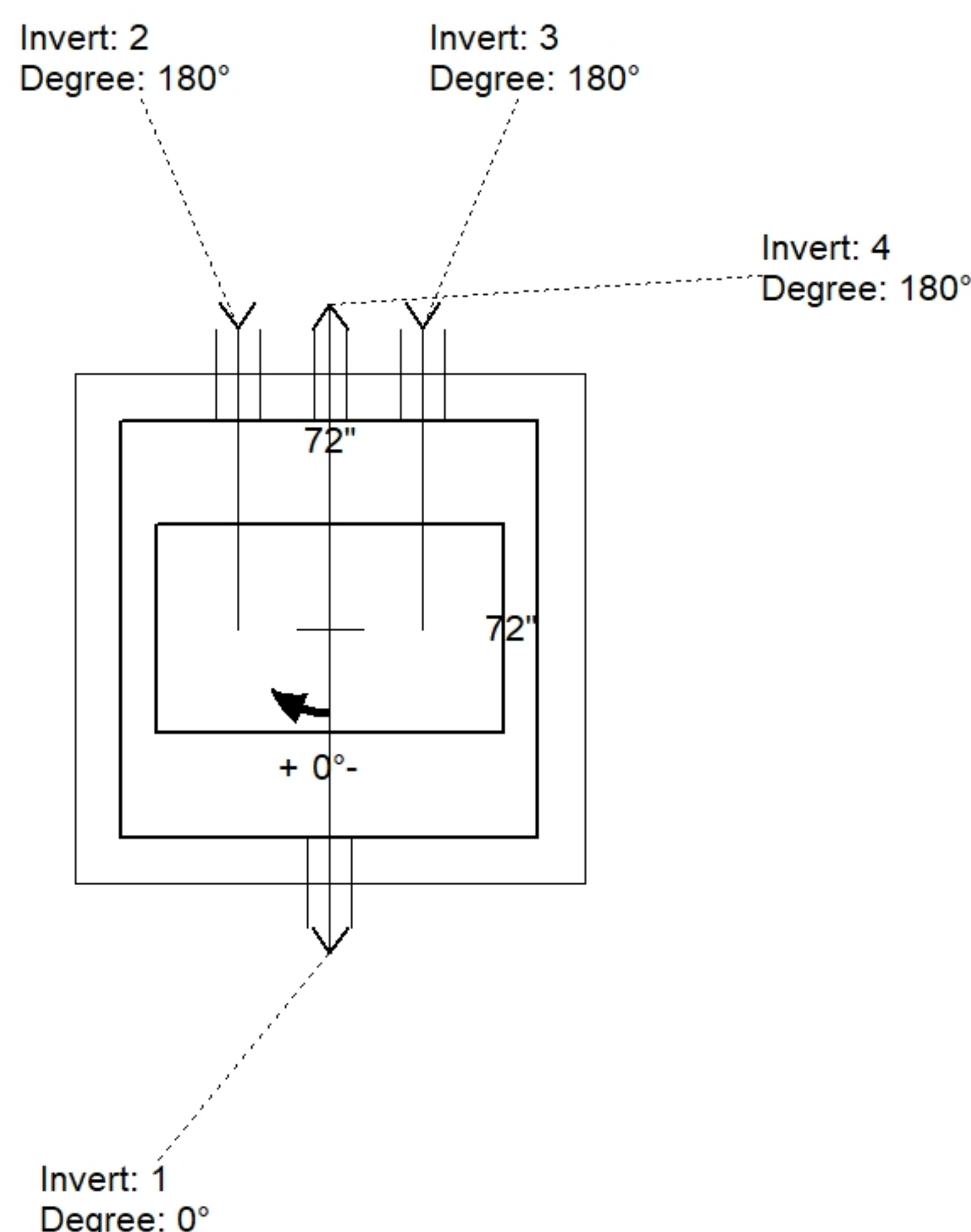
**Structure Notes:**

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. ADMIXTURE = CONBLOCK CDA RED.
4. NO STEPS & NO INVERT CHANNEL.
5. CASTING BY ICAST (HALLIDAY W1S 36"x60")

REINFORCING PER ASTM A615 (GRADE 60).  
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..  
 - RISER/WALLS (As .47) #5 BARS AT 8" C.C.E.W.  
 - FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

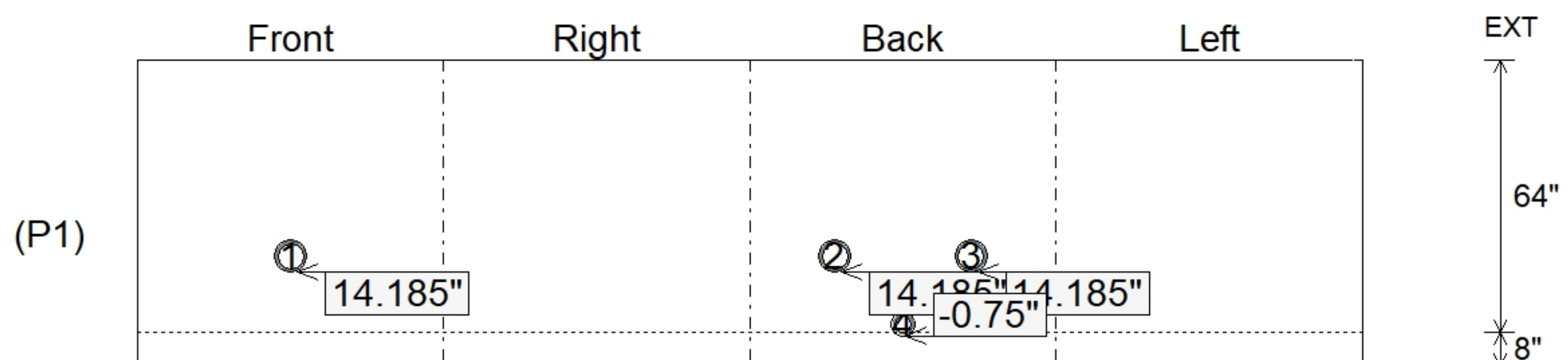
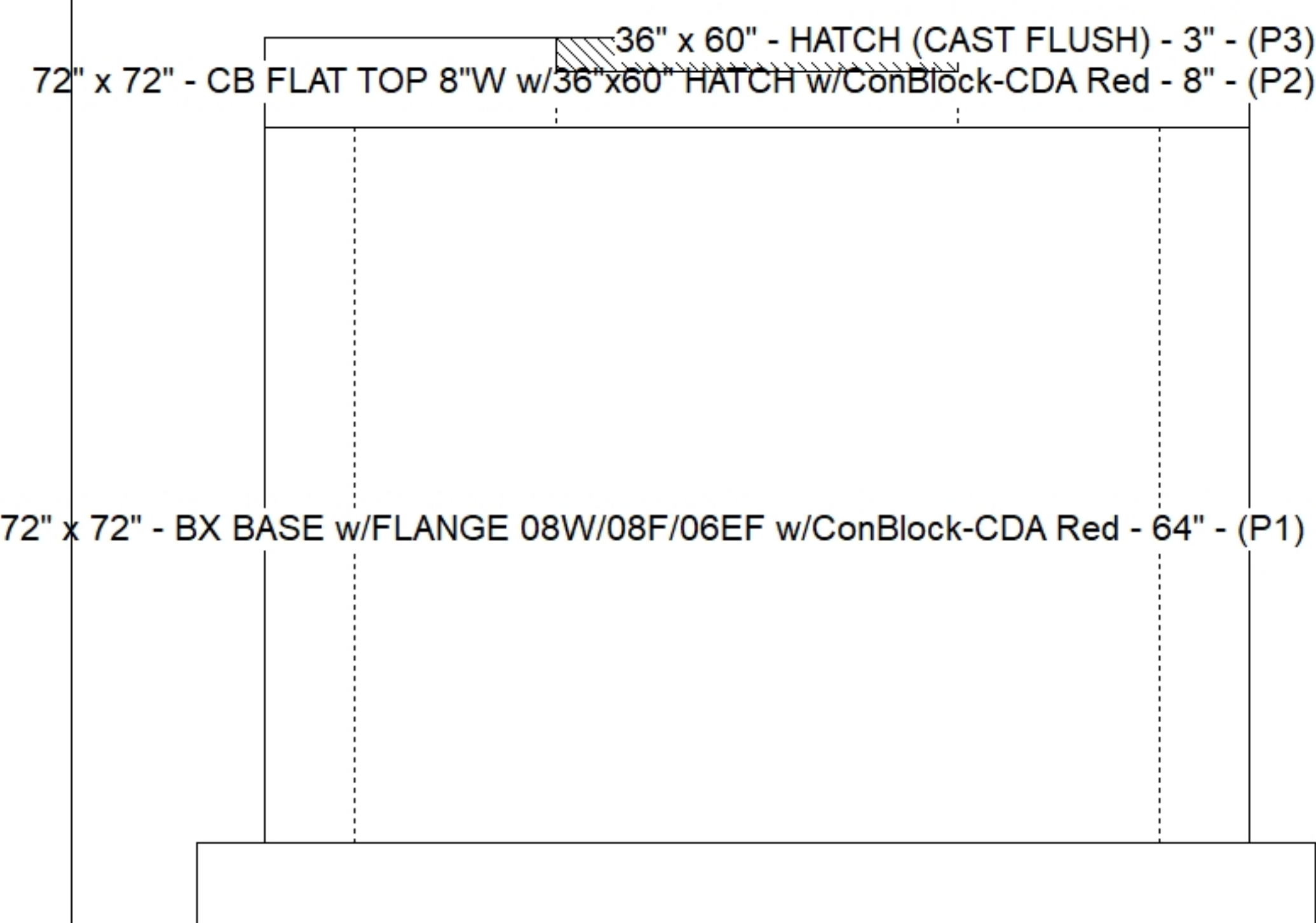
**STRUCTURE SUMMARY:**

P3) 36" x 60" - HATCH (CAST FLUSH) - 3"	100 lb
P2) 72" x 72" - CB FLAT TOP 8"W w/36"x60" HATCH w/ConBlock-CDA Red - 8"	3749 lb
P1) 72" x 72" - BX BASE w/FLANGE 08W/08F/06EF w/ConBlock-CDA Red - 64"	20353 lb
1) ADMIXTURE CONBLOCK CDA RED	0 lb
1) HATCH (Alum.) - HALLIDAY W1S 36"x60"	116 lb
1) 72" x 72" - Conseal CS-102 1.00" (Double)	0 lb
1) 36" x 60" - Conseal CS-102 1.00" (Double)	0 lb
3) A-Lok - 0225	3 lb
1) A-Lok - 0160	1 lb
<b>Structure Total:</b>	<b>24322 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	675.89'							
Reducer								
Invert 1	671.14'	0°	6" DI	6.875"	7.63"	A-Lok 0225	14.185"	P1
Invert 2	671.14'	180°	6" DI	6.875"	7.63"	A-Lok 0225	14.185"	P1
Invert 3	671.14'	180°	6" DI	6.875"	7.63"	A-Lok 0225	14.185"	P1
Invert 4	669.89'	180°	4" DI	4.75"	5.5"	A-Lok 0160	-0.75"	P1
Invert 5								
Invert 6								
Invert 7								
Invert 8								

**Default - Interior Dimensions**



Submittal Drawing  
 3/31/2026 10:28:29 AM

SUBMITTAL  
 APPROVED BY: